

## CLAIMS

We claim:

1. A microphone boom stand uniquely adapted to provide both rigid support and vibration damping, comprising:
  - a base;
  - a stand rising from said base;
  - a boom adapted to support a microphone in a location horizontally displaced from said stand; and
  - a clamp having a clamping arrangement securing said boom to said stand and having a pivoting arrangement permitting relative motion between said boom and said stand and being convertible between said clamping and pivoting arrangements, said clamp having a fixed member, at least one rotary disc, and at least one elastomeric member that is in frictional engagement with said fixed member and said at least one rotary disc when said clamp is arranged in said clamping arrangement.
2. The microphone boom stand of claim 1, further comprising at least one extension coupled to said stand.
3. The microphone boom stand of claim 2, wherein said extension is retractable and alternatively extendable relative to said stand.

4. The microphone boom stand of claim 3, further comprising an extension lock for locking said stand concentrically about said extension to form a generally fixed mechanical relationship therebetween, said extension lock comprising:
  - a substantially constant operative cross-sectional shape between a first longitudinal end and a second longitudinal end distal to said first longitudinal end when cut transverse to a longitudinal axis and having an inner surface operative to apply compressive forces against said stand; and
  - a means for compressing said inner surface.
5. The microphone boom stand of claim 4, further comprising a cord retention clip formed unitarily with said extension lock adjacent said extension lock exterior surface, operatively extending between said first longitudinal end and said second longitudinal end, and adapted to elastically retain an electrical cord therein.
6. The microphone boom stand of claim 1, wherein said clamp further comprises a means for applying a compressive force between said backing member, said at least one elastomeric member and said core.
7. The microphone boom stand of claim 6, wherein said means for applying a compressive force further comprises at least one over-center clamp beyond an outer radius of said rotary disc.

8. The microphone boom stand of claim 1, wherein said base further comprises:
- first, second and third arms extending radially from a center point and subtending a circle into similar angular displacements;
- first, second and third massive anchors attached on the respective ends of said first, second and third arms each at a location distal to said center point, and extending generally arcuately and discontinuously about a circular circumference generally concentric with said center point, each of said first, second and third massive anchors spaced from adjacent massive anchors by an amount greater than that required to permit an object dimensioned similar to at least one of said first, second and third arms to pass therebetween and spaced from adjacent massive anchors by an amount less than a distance required to pass the maximum dimension of an object sized similar to said first, second and third massive anchors therebetween.
9. In combination, a boom stand base having a center and an outer perimeter spaced from said base center and a boom stand having a boom for supporting an object at a location offset from said base center in a direction perpendicular to gravity and offset from said base center in a direction parallel to gravity, wherein the improvement comprises:
- a plurality of massive anchors extending generally about and spaced from said base center by arms extending therefrom, adjacent ones of said arms and adjacent ones of said plurality of massive anchors primarily bounding openings therebetween, at least

one of said massive anchors sized to fit within a space defined by least one of said bounded openings and further defined by a planar surface beneath and supporting said plurality of massive anchors.

10. The combination boom stand base and boom stand of claim 9, wherein said plurality of massive anchors are arcuate in outline and are adjacent said outer perimeter.
11. The combination boom stand base and boom stand of claim 10, wherein said plurality of arcuate massive anchors are discontinuous about said outer perimeter.
12. The combination boom stand base and boom stand of claim 9, wherein said arms extend radially from said base center.
13. The combination boom stand base and boom stand of claim 9, wherein said at least one of said massive anchors sized to fit with said space further comprises at least one maximum dimension larger than a distance between said adjacent ones of said plurality of massive anchors.
14. The combination boom stand base and boom stand of claim 13, wherein two of said boom stand bases may be placed adjacent each other, with one of said plurality of massive anchors from a first one of said two of said boom stand bases resting upon a generally planar surface and nested within at least one of said bounded openings of said second one of said two boom

stand bases.

15. A boom stand base, comprising:

first, second and third arms extending radially from a center point and subtending a circle into similar angular displacements;

first, second and third massive anchors attached on the respective ends of said first, second and third arms each at a location distal to said center point, and extending generally discontinuously about a circular circumference generally concentric with said center point, each of said first, second and third massive anchors spaced from adjacent massive anchors by an amount greater than that required to permit an object dimensioned similar to at least one of said first, second and third arms to pass therebetween and spaced from adjacent massive anchors by an amount less than a distance required to pass the maximum dimension of an object sized similar to said first second and third massive anchors therebetween.

16. The boom stand base of claim 15, wherein said first, second and third massive anchors further comprise arcuate outlines and define said circular circumference.

17. A clamp for clamping a first tube concentrically about a second tube to form a generally fixed mechanical relationship therebetween, comprising:

a substantially constant operative cross-sectional shape between a first longitudinal

- end and a second longitudinal end distal to said first longitudinal end when cut transverse to a longitudinal axis and having an inner surface operative to apply compressive forces against said first tube and an exterior surface;
- a means for compressing said inner surface; and
- a cord retention clip formed unitarily with said clamp adjacent said exterior surface, operatively extending between said first longitudinal end and said second longitudinal end, and adapted to elastically retain an electrical cord therein.
18. The clamp of claim 17, wherein said compressing means further comprises an over-center mechanism for compressing said inner surface.
19. A boom stand uniquely adapted to provide rigid support and smooth adjustment, comprising:
- a riser;
- a boom adapted to support a load in a location horizontally displaced from said riser;
- and
- a clamp having a clamping arrangement securing said boom to said riser and having a pivoting arrangement permitting relative motion between said boom and said riser and being convertible between said clamping and pivoting arrangements, said clamp having a core and a backing member.
20. The boom stand of claim 19, further comprising a base.

21. The boom stand of claim 19, further comprising at least one extension coupled to said riser.
22. The boom stand of claim 21, wherein said extension is retractable and extendable relative to said riser.
23. The boom stand of claim 19, further comprising at least one elastomeric member between said core and said backing member that is in frictional engagement with said core and said backing member when said clamp is arranged in said clamping arrangement.